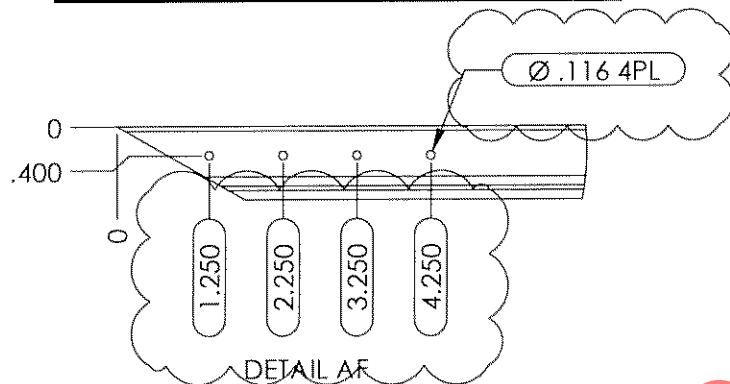
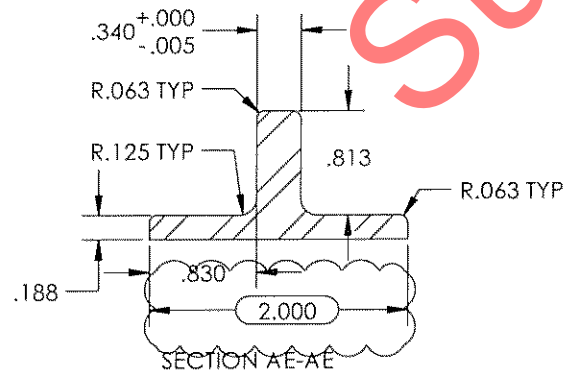


<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 04038			SHEET 1 OF 1	
	DWG NO. 647.3900	REV: B	PREPARED BY J. BAINI	DATE: 08/09/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: DEFLECTORS				
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: MARKED INSPECTION DIMENSIONS			ECR:	

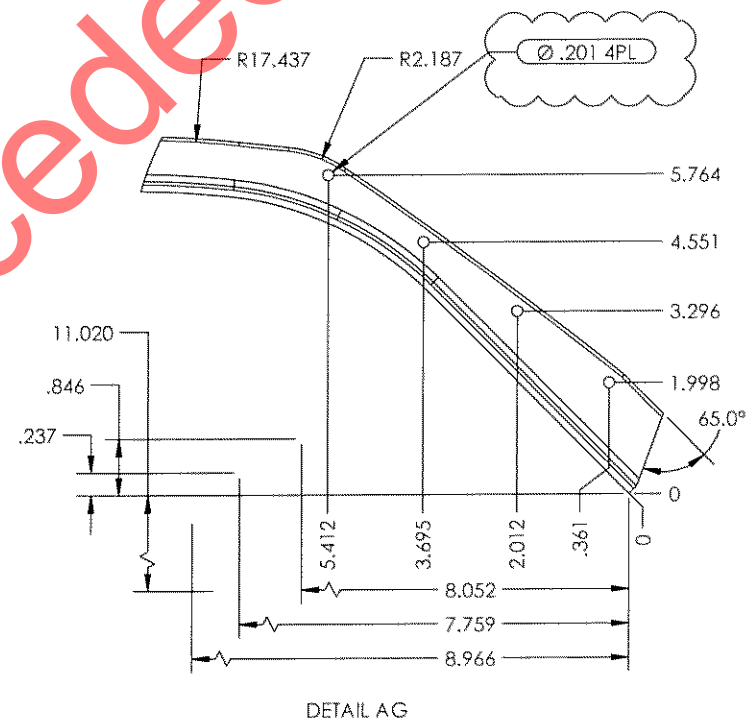
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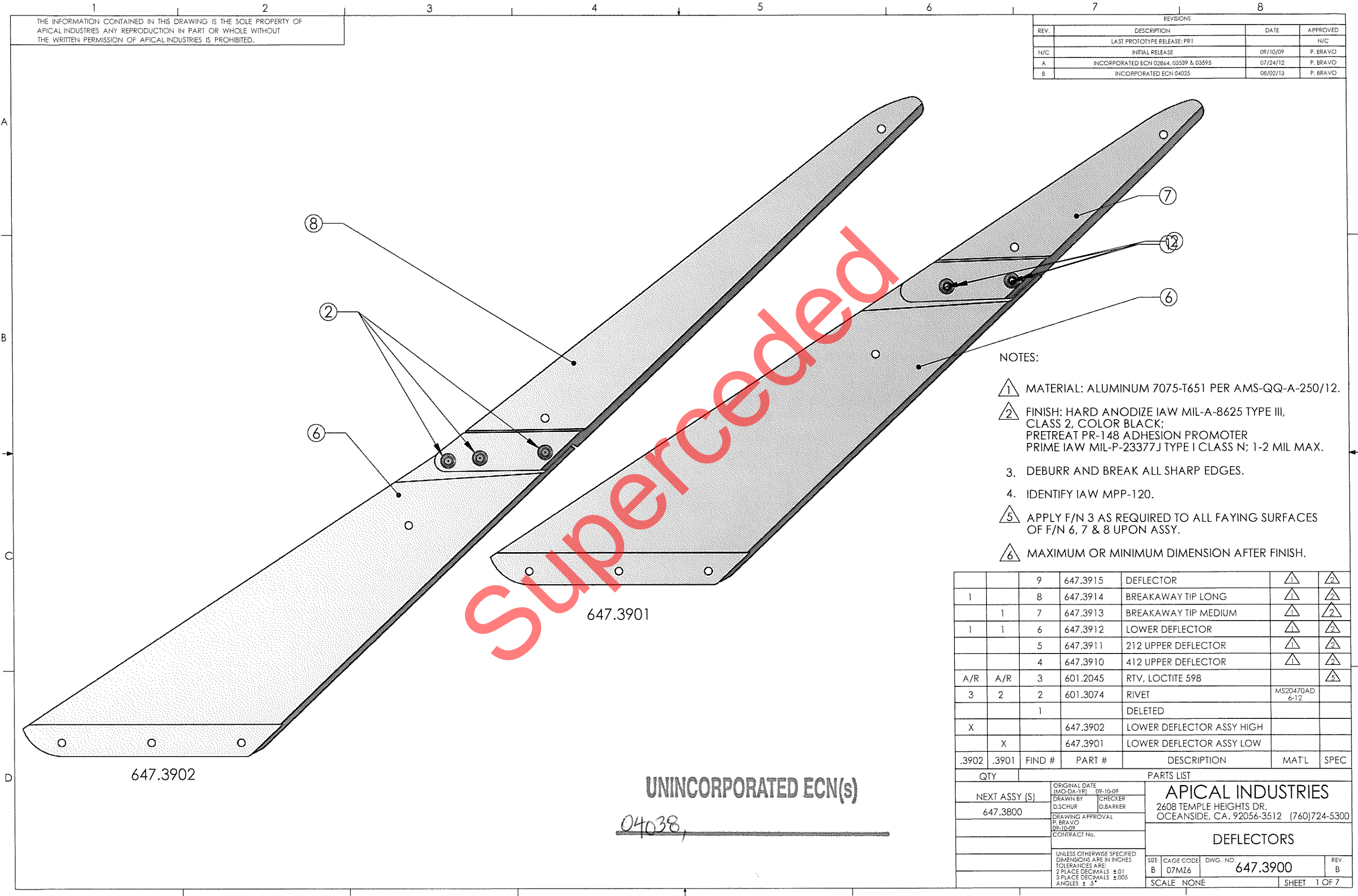
### SHEET 7, ZONE C2, IS:



### SHEET 7, ZONE C4, IS:



DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR1		N/C
N/C	INITIAL RELEASE	09/10/09	P. BRAVO
A	INCORPORATED ECN 02864, 03539 & 03595	07/24/12	P. BRAVO
B	INCORPORATED ECN 04025	08/02/13	P. BRAVO

- NOTES:
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
  - 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PR-148 ADHESION PROMOTER PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX.
  - 3. DEBURR AND BREAK ALL SHARP EDGES.
  - 4. IDENTIFY IAW MPP-120.
  - 5 APPLY F/N 3 AS REQUIRED TO ALL FAYING SURFACES OF F/N 6, 7 & 8 UPON ASSY.
  - 6 MAXIMUM OR MINIMUM DIMENSION AFTER FINISH.

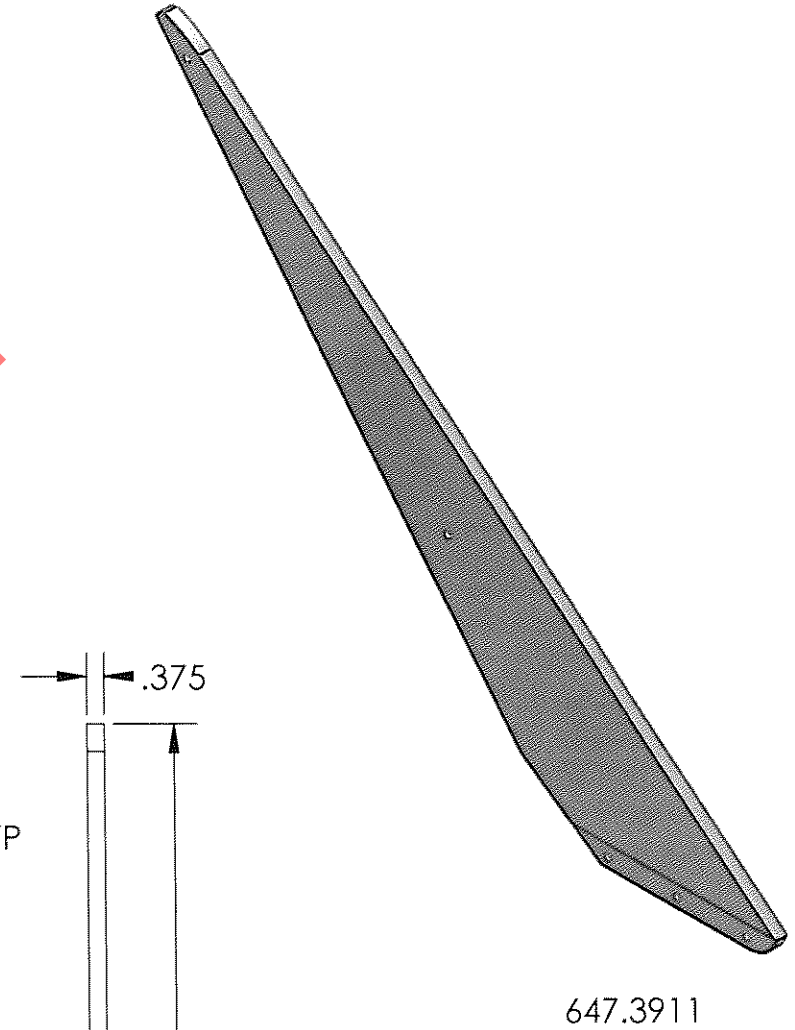
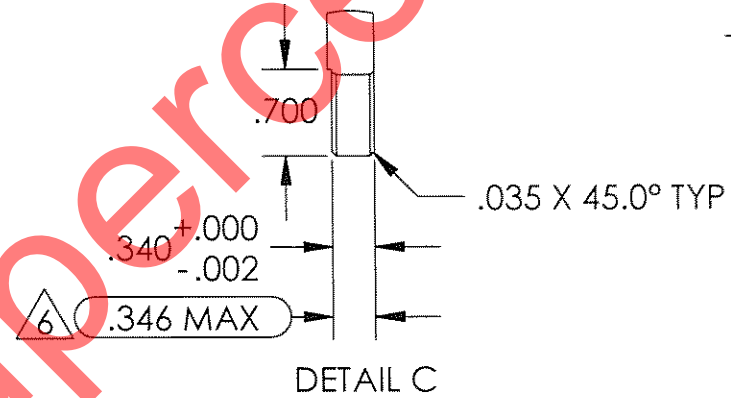
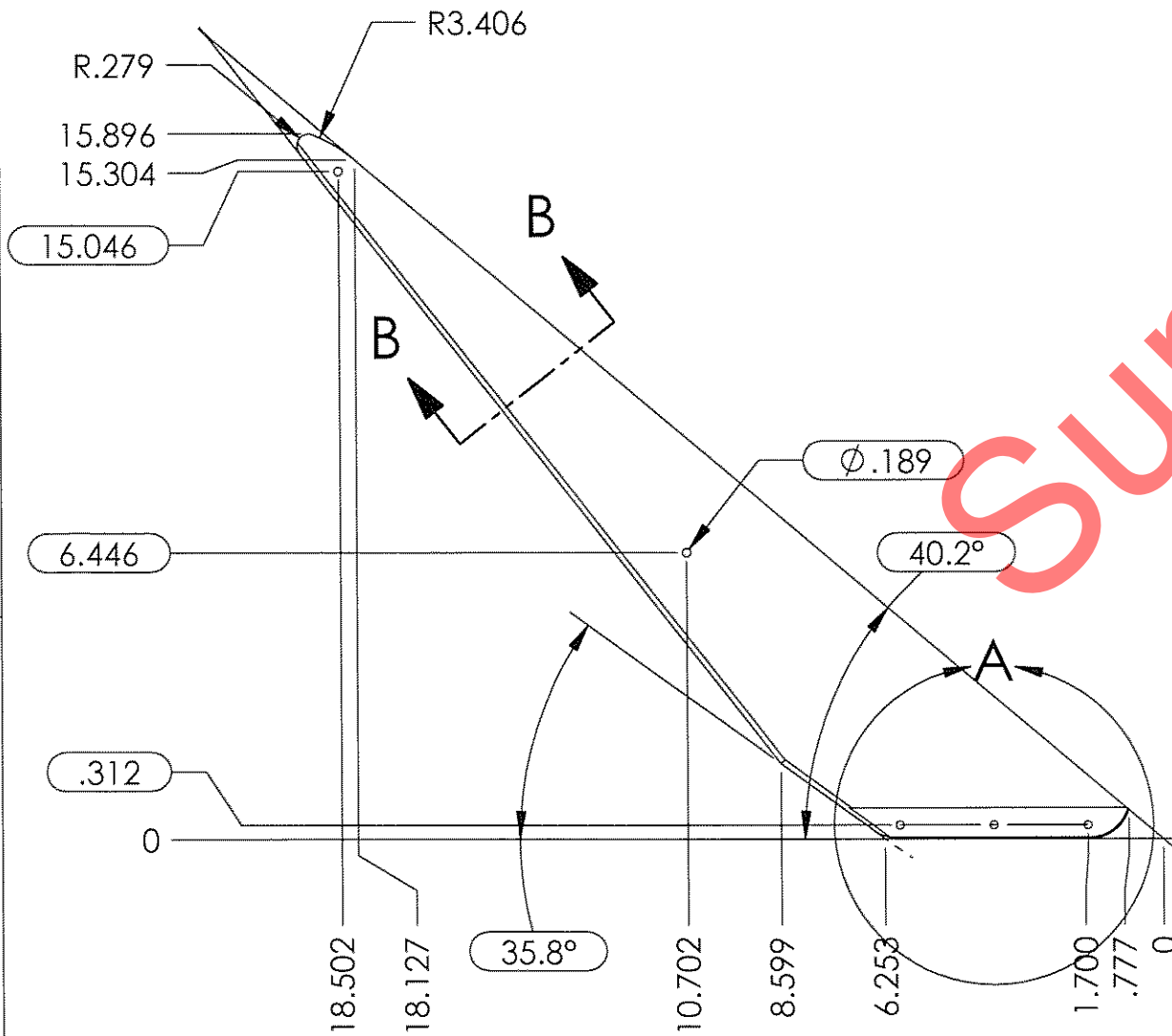
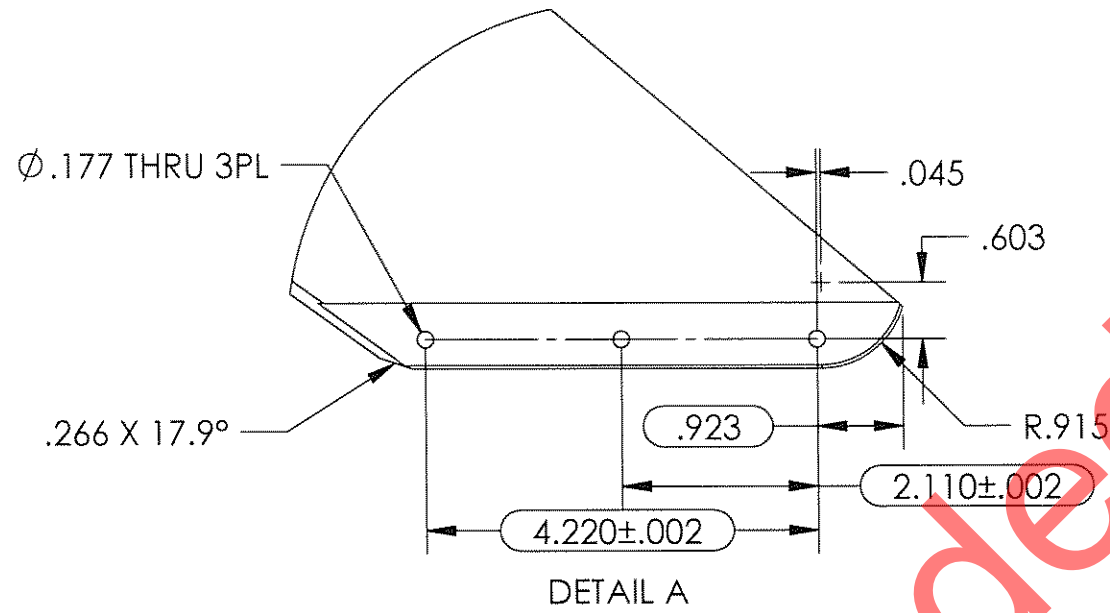
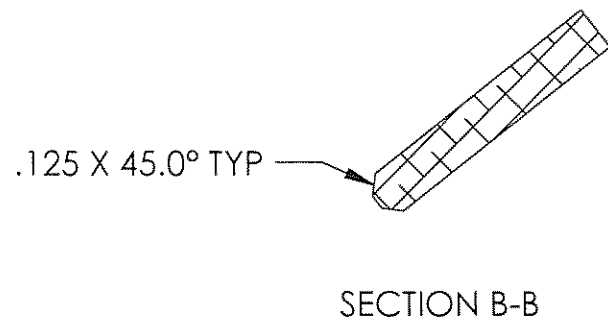
		9	647.3915	DEFLECTOR	1	2
1		8	647.3914	BREAKAWAY TIP LONG	1	2
	1	7	647.3913	BREAKAWAY TIP MEDIUM	1	2
1	1	6	647.3912	LOWER DEFLECTOR	1	2
		5	647.3911	212 UPPER DEFLECTOR	1	2
		4	647.3910	412 UPPER DEFLECTOR	1	2
A/R	A/R	3	601.2045	RTV, LOCTITE 598		2
3	2	2	601.3074	RIVET	MS20470AD 6-12	
		1		DELETED		
X			647.3902	LOWER DEFLECTOR ASSY HIGH		
	X		647.3901	LOWER DEFLECTOR ASSY LOW		
.3902	.3901	FIND #	PART #	DESCRIPTION	MATL	SPEC

UNINCORPORATED ECN(s)

04038,

QTY	PARTS LIST	
NEXT ASSY (S)	ORIGINAL DATE 09-10-09	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300
647.3800	DRAWN BY D.SCHUB	CHECKER D.BARKER
	DRAWING APPROVAL P. BRAVO	
	09-10-09	
	CONTRACT No.	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
	SIZE B	CAGE CODE 07M26
	DWG. NO. 647.3900	REV. B
	SCALE NONE	SHEET 1 OF 7

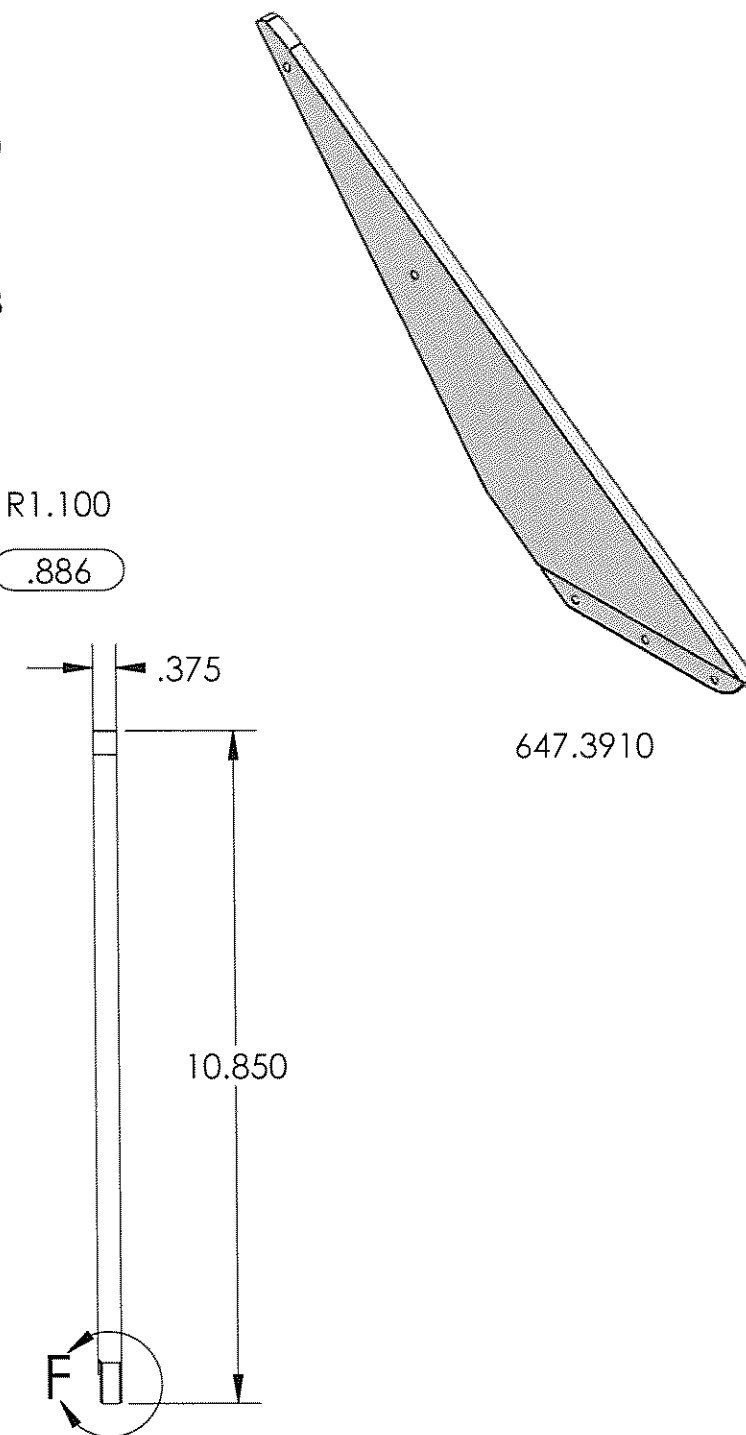
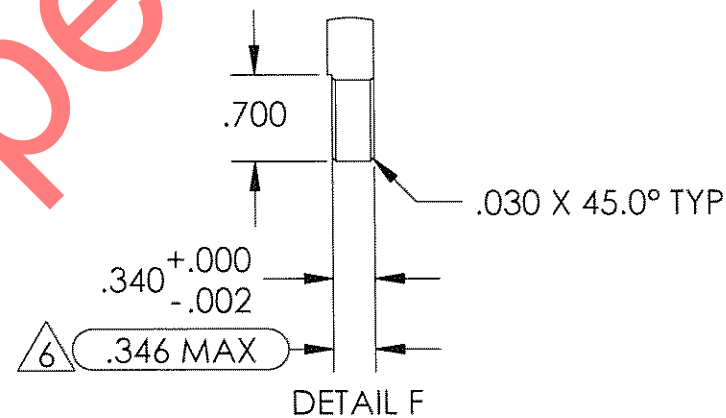
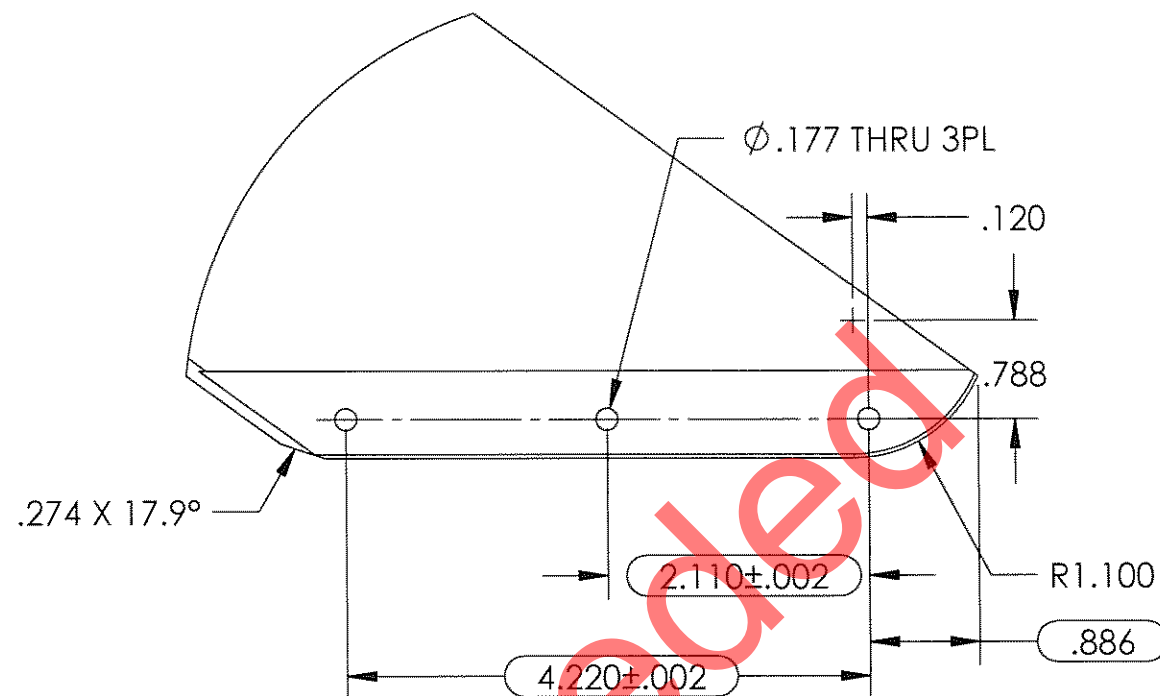
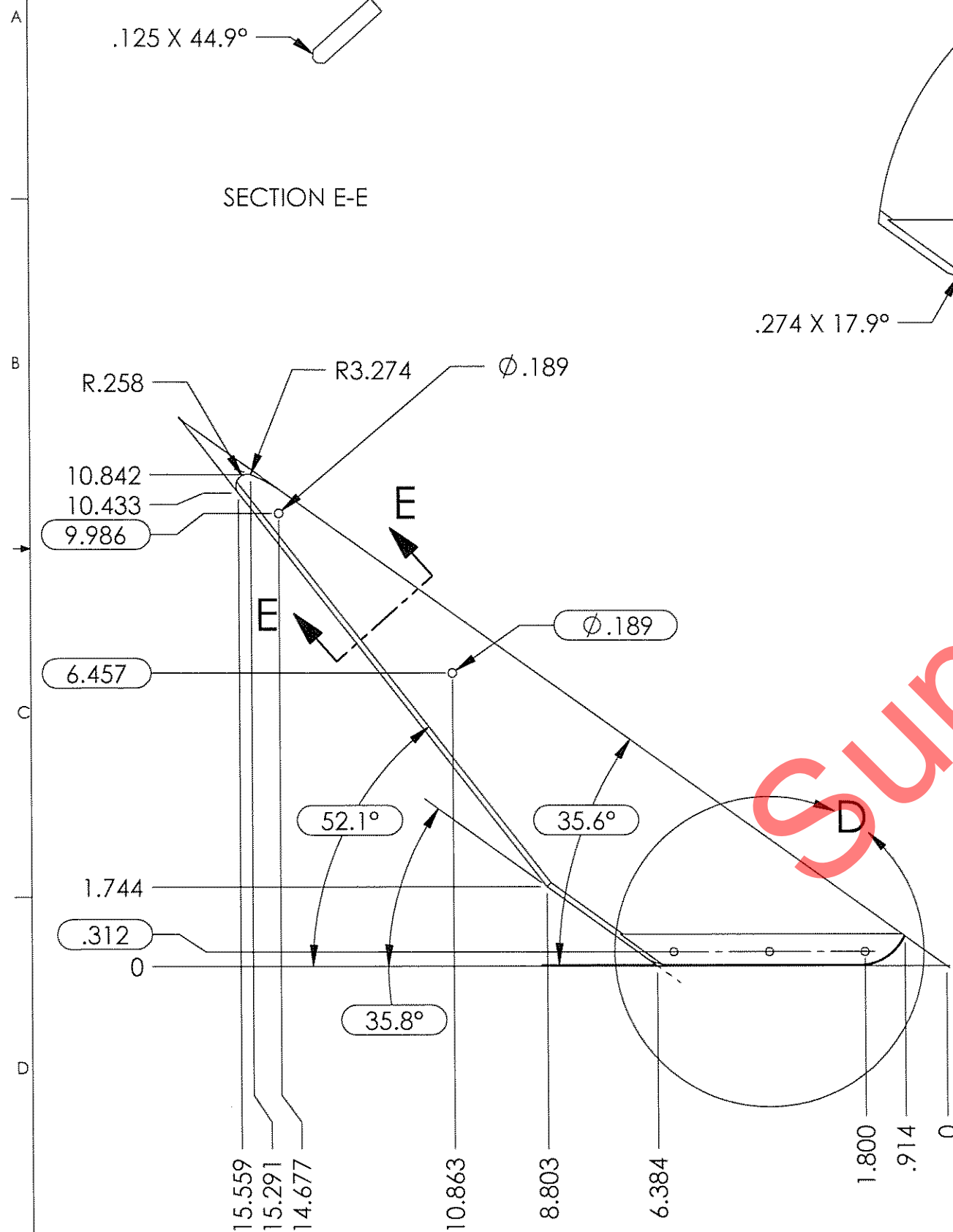
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ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR	CHECKER D.BARKER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 09-10-09		DEFLECTORS	
CONTRACT No.		SCALE NONE	SHEET 2 OF 7
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV B
		CAGE CODE 07M26	DWG. NO. 647.3900

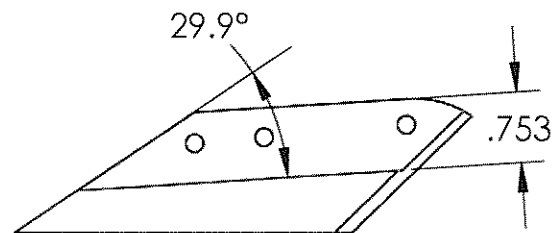


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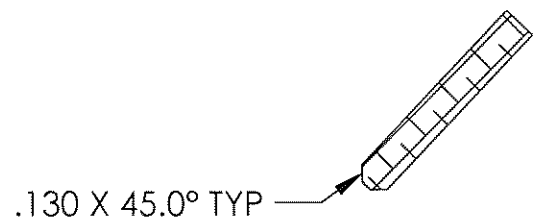


ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR	CHECKER D.BARKER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		DEFLECTORS	
CONTRACT No.		SIZE B	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07M26	DWG. NO. 647.3900
SCALE: NONE		SHEET 3 OF 7	

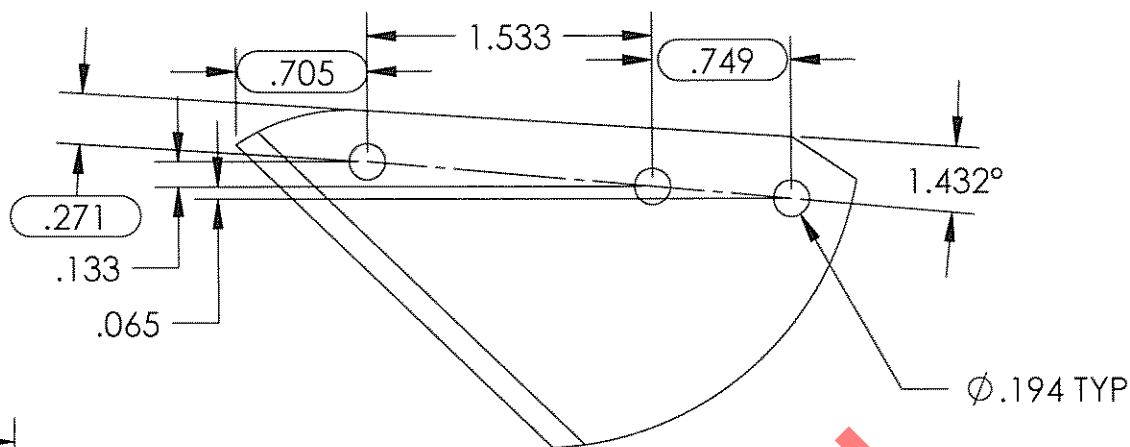
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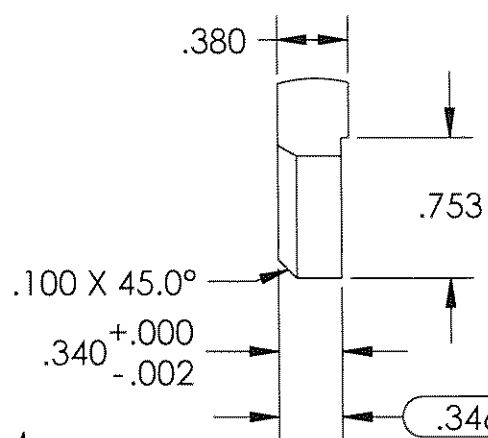
SECTION L-L



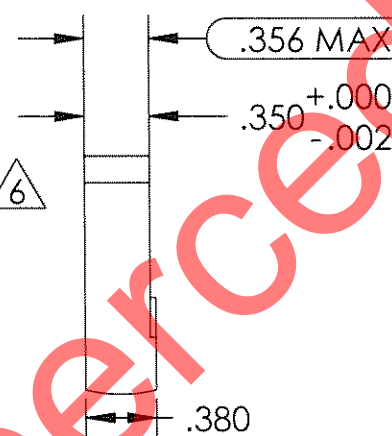
SECTION M-M



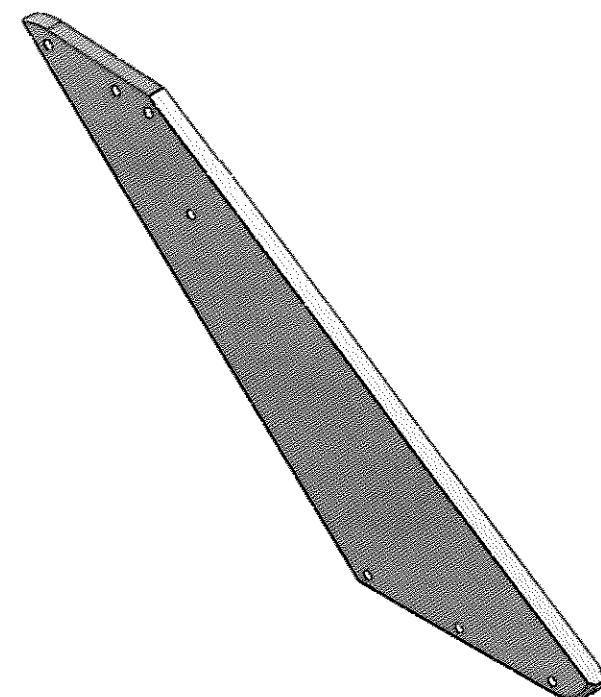
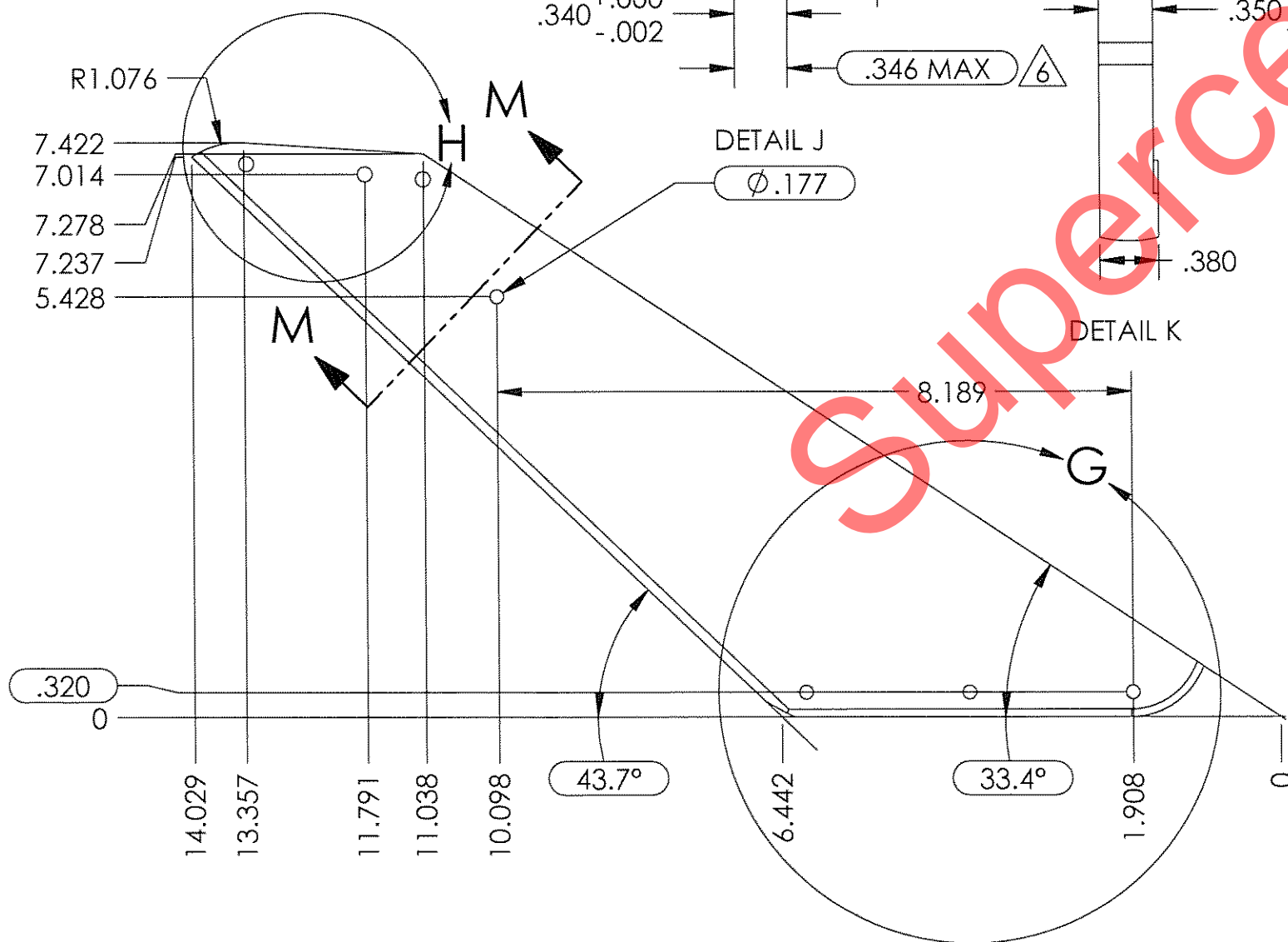
DETAIL H



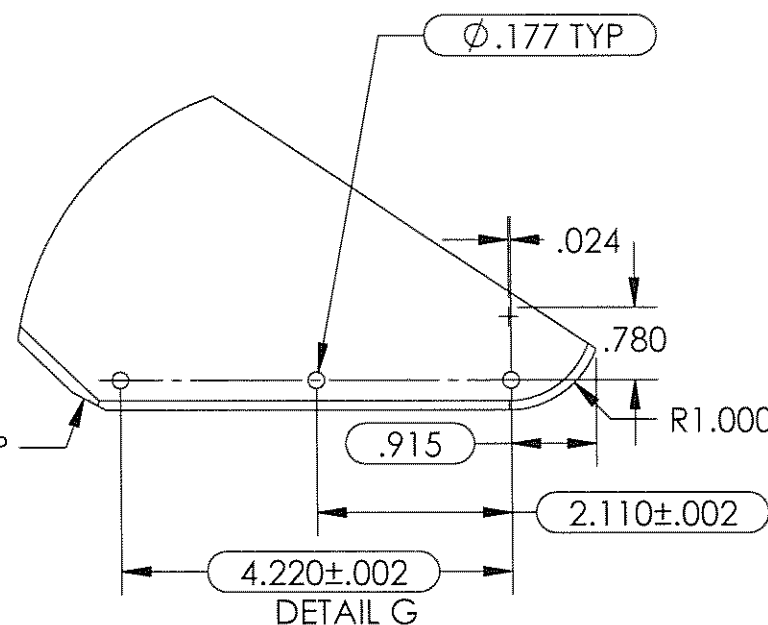
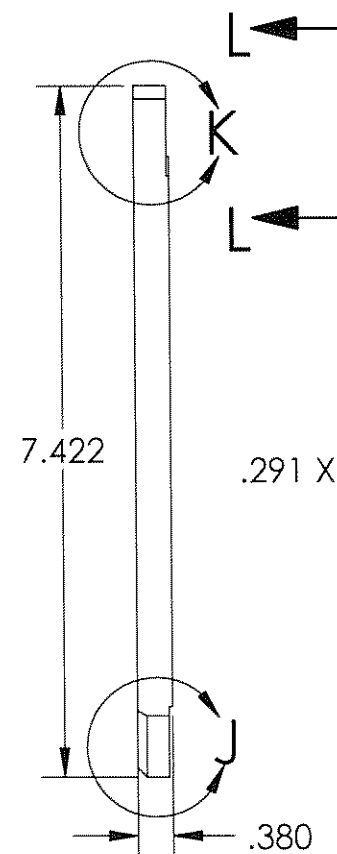
DETAIL J



DETAIL K



647.3912

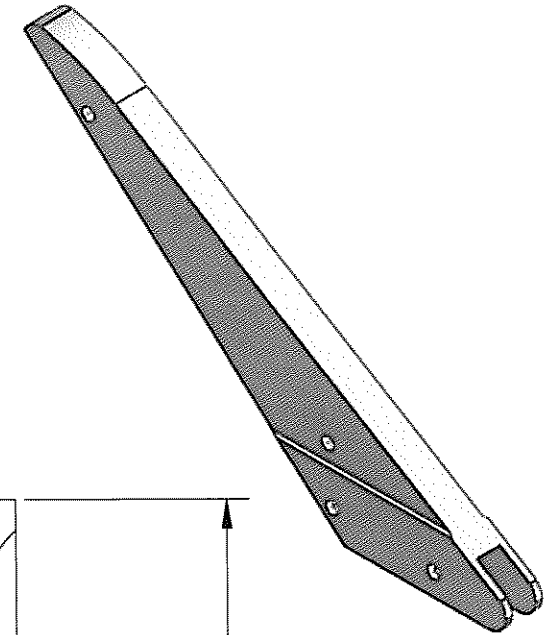
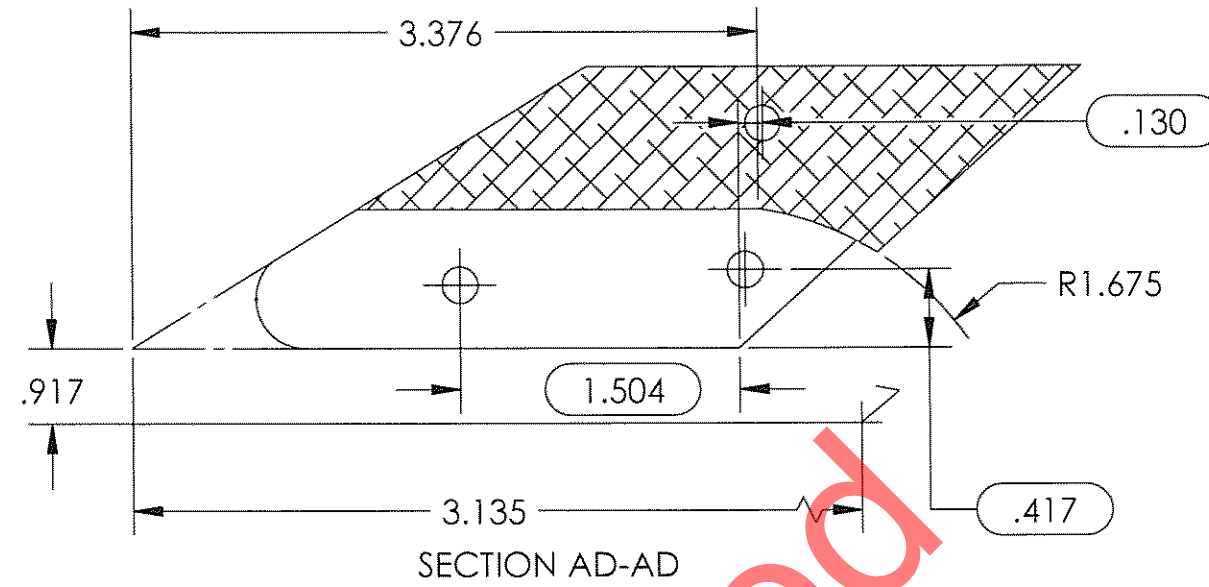


ORIGINAL DATE (MM-DD-YY) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR	CHECKER D.BARKER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 09-10-09 CONTRACT No.		DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°	SEE B	CAGE CODE 07M26	DWG. NO. 647.3900
SCALE NONE		REV. B	
SHEET 4 OF 7			

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.180 X 45.0° TYP

SECTION N-N



647.3913

R.269 R3.534

SECTION AD-AD

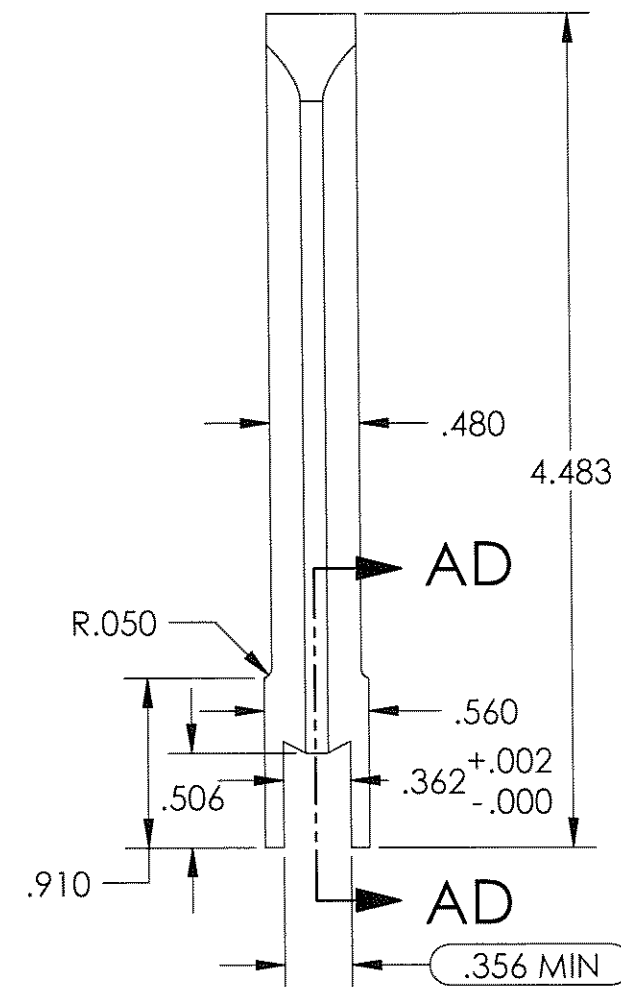
Ø.189 THRU 2PL

Ø.194 THRU 2PL

41.9°

31.4°

R.264



ORIGINAL DATE (IAC-DA-YR) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER D.BARKER		DEFLECTORS	
DRAWING APPROVAL P. BRAVO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	
CONTRACT No.		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 647.3900
		SCALE NONE	SHEET 5 OF 7

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.175 X 45.0° TYP

SECTION T-T

SECTION AB-AB

647.3914

8.618

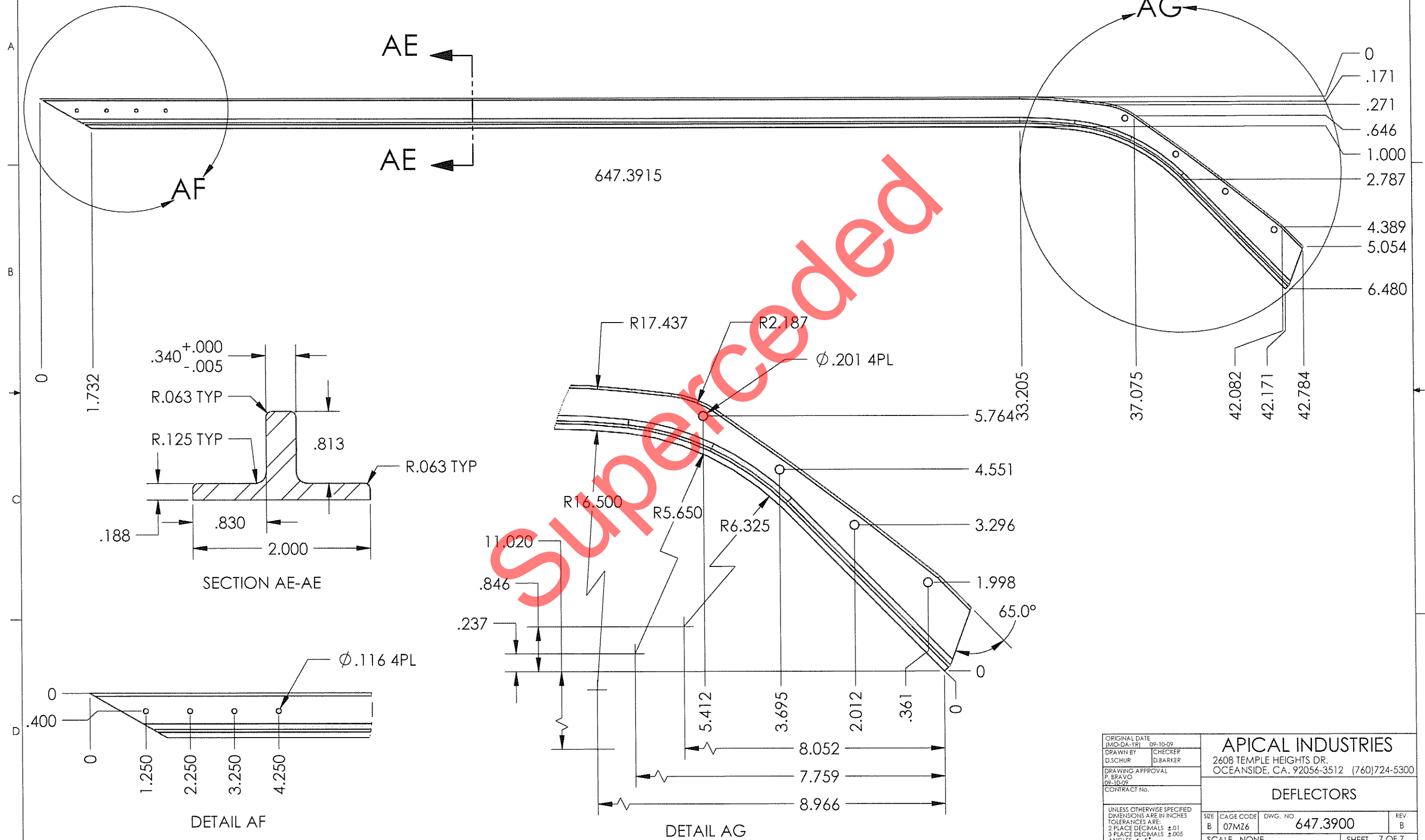
AB

AB

ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES			
DRAWN BY D.SCHUR		CHECKER D.BARKER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P BRAVO 09-10-09		DEFLECTORS			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3900	REV. B
		SCALE NONE		SHEET 6 OF 7	



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ORIGINAL DATE (MM-DD-YY) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER D.BARKER		DEFLECTORS	
DRAWING APPROVAL P. BRAVO		SCALE NONE	
09-10-09		SHEET 7 OF 7	
CONTRACT No.		REV. B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	DWG. NO. 647.3900
		CAGE CODE 07MZ6	